




STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

July 11, 2014

NOTICE TO: All Prequalified Contractors

FROM: R. A. Garris, PE   
State Contract Officer

SUBJECT: Broadcast of Raleigh Central Highway Letting

Effective with the July 15, 2014 Highway Letting the broadcast of the bid opening is changing to a new format. The new method will be broadcast via LiveStream. This can be accessed by clicking on the link below or by using the following manual process.

Go to [Raleigh Central Letting](#) and click on "Live Now" which will be available 15 minutes prior to Letting.

Manual process:

Go to [www.livestream.com](http://www.livestream.com), click on the "Watch" button and then type NCDOT Raleigh Central Letting into the search events window. Select the Raleigh Central Letting event for the desired date. Click "Live Now" to listen to the audio after the event has started.

If you have any questions, please do not hesitate to contact me at (919) 707-6900.

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900  
FAX: 919-250-4119

WEBSITE: [WWW.NCDOT.GOV](http://WWW.NCDOT.GOV)

**LOCATION:**  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

**STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
INVITATION TO BID**

ELECTRONIC BIDS (UNLESS OTHERWISE SPECIFIED IN THE PROJECT SPECIAL PROVISION) FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE CONTRACT STANDARDS AND DEVELOPMENT UNIT LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **2:00 PM** ON MARCH 17, 2015. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 2.00 PM.

1. THE BIDDER SHALL PURCHASE A PROPOSAL FOR EACH PROJECT FOR WHICH HE INTENDS TO SUBMIT A BID IN RESPONSE TO THIS INVITATION TO BID.

2. A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL SUBMIT AN ELECTRONIC BID BOND WITH EACH ELECTRONIC BID SUBMITTAL UNLESS HE ELECTS TO FURNISH A BID DEPOSIT.

3. UPON RECEIPT OF AWARD LETTER, THE SUCCESSFUL BIDDER SHALL FURNISH A PROPERLY EXECUTED EXECUTION OF CONTRACT, NON-COLLUSION AFFIDAVIT AND DEBARMENT CERTIFICATION, AND EXECUTED PAYMENT AND PERFORMANCE BONDS FOR EACH CONTRACT. AFFIDAVIT FORMS AND BOND FORMS ARE AVAILABLE AS PART OF THE CONTRACT EXECUTION FORMS AT THE FOLLOWING WEBSITE  
<https://connect.ncdot.gov/letting/Pages/>.

ALL QUESTIONS RELATED TO PROJECTS DURING THE ADVERTISEMENT PERIOD SHALL BE ADDRESSED TO THE STATE CONTRACT OFFICER AT 919-707-6900.

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

**CONTRACTOR'S LICENSE:** A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

**PREQUALIFYING TO BID:** ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE CONTRACTUAL SERVICES UNIT, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1509 MAIL SERVICE CENTER, RALEIGH, N. C., . ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE CONTRACTUAL SERVICES UNIT AT LEAST FOUR WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-707-6925), FAXING (919-250-4127), OR WRITING TO: PLANS AND PROPOSALS, CONTRACT STANDARDS AND DEVELOPMENT UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.75% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE "N.C. DEPARTMENT OF TRANSPORTATION".

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

**TODAY'S DATE IS FEBRUARY 17, 2015.  
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION  
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)**

(Revised on 14Jul2011)

## **REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE**

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<b><u>DIV NO.</u></b>	<b><u>DIVISION ENGINEER</u></b>	<b><u>LOCATION</u></b>	<b><u>TOWN</u></b>	<b><u>TELEPHONE</u></b>
00001	Jerry Jennings, PE	113 AIRPORT DRIVE, SUITE 100	EDENTON	(252) 482-1850
00002	John W Rouse, PE	PO BOX 1587	GREENVILLE	(252) 439-2800
00003	Karen Eason Fussell, PE	5501 BARBADOS BLVD	CASTLE HAYNE	(910) 341-2000
00004	Timothy M Little, PE	PO BOX 3165	WILSON	(252) 237-6164
00005	Joseph R Hopkins, PE	2612 NORTH DUKE STREET	DURHAM	(919) 220-4600
00006	Gregory W Burns, PE	PO BOX 1150	FAYETTEVILLE	(910) 486-1493
00007	James M Mills, PE	PO BOX 14996	GREENSBORO	(336) 487-0000
00008	Robert W Stone II, PE	902 N. SANDHILLS BLVD.	ABERDEEN	(910) 944-2344
00009	S. Pat Ivey, PE	375 SILAS CREEK PARKWAY	WINSTON-SALEM	(336) 747-7800
00010	Louis L Mitchell, PE	716 WEST MAIN STREET	ALBEMARLE	(704) 983-4400
00011	Michael A Pettyjohn, PE	PO BOX 250	NORTH WILKESBORO	(336) 903-9101
00012	Reuben D Chandler, PE	PO BOX 47	SHELBY	(704) 480-5400
00013	Jay J Swain, PE	PO BOX 3279	ASHEVILLE	(828) 251-6171
00014	Ed Green, PE	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

**Bid Letting Number** L150317

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203551	38456.3.FD1	WAKE	0.232 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURE.
*002	C203535	38688.3.GVS6BA	VANCE, WARREN	11.189 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
*003	C203534	38688.3.GVS6BB	WARREN	9.412 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
004	C203646	38688.3.GVS6BA	WARREN, VANCE	20.602 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.
005	C203549	47031.3.FS1	ROBESON	6.120 MI	MILLING, RESURFACING & BRIDGE REHABILITATION.
006	C203561	46139.3.FS1	ROWAN	0.261 MI	GRADING, DRAINAGE, AND PAVING.
007	C203389	34379.3.FS33	MECKLENBURG, CABARRUS	3.845 MI	ITS - CCTV INSTALLATION.
008	C203644	10CR.10901.40	ETCUNION	41.410 MI	MILLING, WIDENING, RESURFACING & SHOULDER RECONSTRUCTION.
009	C203643	12CR.10551.13	ETCLINCOLN	14.450 MI	MILLING, RESURFACING, SHLDR RECONSTR & MILLED RUMBLE STRIPS.
010	C203490	46191.3.FS1	MADISON	4.100 MI	GUARDRAIL, PAVING & MILLING.

**Bid Letting Number** L150421

<b>RPN</b>	<b>Contract Id</b>	<b>WBS</b>	<b>County</b>	<b>Length</b>	<b>JobType</b>
001	C203563	38496.3.FR1	CARTERET	0.676 MI	GRADING, DRAINAGE, PAVING, AND STRUCTURES.

\*NOTE:  
 RPN 2, C203535 VANCE, WARREN I-0914BA WILL HAVE A CHANGE IN PRICING: LARGE PLANS \$200.00, SMALL PLANS \$60.00, AND CROSS SECTIONS \$60.00.  
 RPN 3, C203534 WARREN I-0914BB WILL HAVE A CHANGE IN PRICING: LARGE PLANS \$200.00, SMALL PLANS \$60.00, AND CROSS SECTIONS \$60.00.

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150317 001

CONTRACT ID : C203551 38456.3.FD1

DIV OFFICE DURHAM

LENGTH = 0.232 MI

COUNTY : WAKE

GRADING, DRAINAGE, PAVING, AND STRUCTURE.

DBE GOAL 10.0% COMPLETION DATE : APR 17 2016

BRIDGE # 373 OVER BASAL CREEK ON SR-1393.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	BRIDGE APPROACH FILL - SUB REGIONAL TIER, STATION ***** (16+15.00)
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
400	CY	UNDERCUT EXCAVATION
Lump Sum	LS	GRADING
11,500	CY	BORROW EXCAVATION
240	CY	DRAINAGE DITCH EXCAVATION
400	CY	SELECT GRANULAR MATERIAL
500	SY	GEOTEXTILE FOR SOIL STABILIZATION
110	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES
350	SY	FOUNDATION CONDITIONING GEOTEXTILE
140	LF	15" DRAINAGE PIPE
264	LF	18" DRAINAGE PIPE
36	LF	24" DRAINAGE PIPE
20	LF	18" RC PIPE CULVERTS, CLASS III
428	LF	15" RC PIPE CULVERTS, CLASS IV
64	LF	18" RC PIPE CULVERTS, CLASS IV
84	LF	24" RC PIPE CULVERTS, CLASS IV
80	LF	PIPE REMOVAL
300	TON	INCIDENTAL STONE BASE
175	SY	INCIDENTAL MILLING
750	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
760	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
740	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
114	TON	ASPHALT BINDER FOR PLANT MIX
13	EA	RIGHT OF WAY MARKERS
16	EA	MASONRY DRAINAGE STRUCTURES
3.5	LF	MASONRY DRAINAGE STRUCTURES
3	EA	FRAME WITH TWO GRATES, STD 840.24
1	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
8	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
900	LF	2'-6" CONCRETE CURB & GUTTER
490	SY	4" CONCRETE SIDEWALK
30	SY	6" CONCRETE DRIVEWAY
900	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (350 TL-2)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III, SHOP CURVED)
475	TON	RIP RAP, CLASS II
220	TON	RIP RAP, CLASS B
2,435	SY	GEOTEXTILE FOR DRAINAGE
1	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
138	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
2	EA	SIGN ERECTION, TYPE D
6	EA	SIGN ERECTION, TYPE E
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
8	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
1	EA	DISPOSAL OF SUPPORT, U-CHANNEL
387	SF	WORK ZONE SIGNS (STATIONARY)

294	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
28	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)
6	EA	DRUMS
224	LF	BARRICADES (TYPE III)
1,000	LF	GENERIC TRAFFIC CONTROL ITEM PEDESTRIAN SAFETY FENCE
2,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
2,450	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
15	EA	PERMANENT RAISED PAVEMENT MARKERS
2,500	LF	TEMPORARY SILT FENCE
180	TON	STONE FOR EROSION CONTROL, CLASS A
500	TON	STONE FOR EROSION CONTROL, CLASS B
580	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
200	LB	SEED FOR TEMPORARY SEEDING
2	TON	FERTILIZER FOR TEMPORARY SEEDING
500	LF	TEMPORARY SLOPE DRAINS
800	LF	SAFETY FENCE
730	CY	SILT EXCAVATION
8,000	SY	MATTING FOR EROSION CONTROL
150	SY	COIR FIBER MAT
400	SY	PERMANENT SOIL REINFORCEMENT MAT
750	LF	1/4" HARDWARE CLOTH
150	SY	FLOATING TURBIDITY CURTAIN
12	EA	SPECIAL STILLING BASINS
450	LF	COIR FIBER WATTLE
230	LB	POLYACRYLAMIDE (PAM)
245	LF	COIR FIBER BAFFLE
3	EA	*** SKIMMER (1-1/2")
3	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
2.5	TON	FERTILIZER TOPDRESSING
10	MHR	SPECIALIZED HAND MOWING
18	EA	RESPONSE FOR EROSION CONTROL
0.1	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (16+15.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (16+15.00-L-)
50	LF	3'-0" DIA DRILLED PIERS IN SOIL
42	LF	3'-0" DIA DRILLED PIERS NOT IN SOIL
53	LF	PERMANENT STEEL CASING FOR 3'-0" DIA DRILLED PIER
1	EA	SID INSPECTIONS
1	EA	CSL TESTING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (16+15.00-L-)
38.3	CY	CLASS AA CONCRETE (BRIDGE)
102	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (16+15.00-L-)
26,171	LB	REINFORCING STEEL (BRIDGE)

1,596	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
2,877	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
265	LF	HP12X53 STEEL PILES
14	EA	STEEL PILE POINTS
132.4	LF	TWO BAR METAL RAIL
132.4	LF	THREE BAR METAL RAIL
140.26	LF	1'-**"X *****" CONCRETE PARA- PET (1'-2" X 2'-9 3/8")
720	TON	RIP RAP CLASS II (2'-0" THICK)
800	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,100	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS





			640	TON	RIP RAP, CLASS I
			515	TON	RIP RAP, CLASS II
			2,925	TON	RIP RAP, CLASS B
251	EA	FRAME WITH TWO GRATES, STD 840.22	15,210	SY	GEOTEXTILE FOR DRAINAGE
1	EA	FRAME WITH TWO GRATES, STD 840.24	75	CY	REINFORCED CONCRETE SIGN FOUNDATIONS
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	11	CY	PLAIN CONCRETE SIGN FOUNDATIONS
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	231	CY	OVERHEAD FOOTING
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	37,350	LB	SUPPORTS, BREAKAWAY STEEL BEAM
74	EA	FRAME WITH COVER, STD 840.54	25,810	LB	SUPPORTS, SIMPLE STEEL BEAM
3,270	LF	2'-6" CONCRETE CURB & GUTTER	9,169	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
21,100	LF	SHOULDER BERM GUTTER	137	LF	SUPPORTS, WOOD
660	SY	4" CONCRETE SIDEWALK	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (114+50 -NBL-)
11	EA	CONCRETE CURB RAMP	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (142+50 -SBL-)
240	SY	4" CONCRETE PAVED DITCH	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (166+50 -NBL-)
580	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (196+00 -SBL-)
711	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (276+50 -SBL-)
950	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+00 -Y5 SBL-)
114	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (318+00 -NBL-)
5	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (358+50 -SBL-)
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (39+50 -Y5 NBL-)
10	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (434+50 -SBL-)
27	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (73+50 -SBL-)
165,200	LF	STEEL BM GUARDRAIL	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (US-1 NBL)
150	LF	STEEL BM GUARDRAIL, SHOP CURVED	53	EA	SIGN ERECTION, TYPE D
350	LF	STEEL BM GUARDRAIL, DOUBLE FACED	191	EA	SIGN ERECTION, TYPE E
50	EA	ADDITIONAL GUARDRAIL POSTS	122	EA	SIGN ERECTION, TYPE F
24	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED)	50	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
73	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	33	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	80	EA	SIGN ERECTION, MILEMARKERS
110	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	26	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)
34	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	11	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)
4,737	LF	REMOVE & RESET EXISTING GUARDRAIL	1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)
54,470	LF	REMOVE EXISTING GUARDRAIL	10	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)
90,500	LF	REMOVE EXISTING GUIDERAIL	69	EA	DISPOSAL OF SUPPORT, STEEL BEAM
64,650	LF	TEMPORARY STEEL BM GUARDRAIL	6	EA	DISPOSAL OF SIGN SYSTEM, OVERHEAD
137.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)	110	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
325	LF	TEMPORARY STEEL BM GUARDRAIL, DOUBLE FACED	150	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)	10	EA	DISPOSAL OF SIGN SYSTEM, WOOD
1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)	3	EA	DISPOSAL OF SUPPORT, U-CHANNEL
5	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)	4	EA	DISPOSAL OF SIGN, D, E OR F
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)	46	EA	DISPOSAL OF SIGN, MILEMARKER
112	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350	8,845	SF	WORK ZONE SIGNS (STATIONARY)
2,430	LF	DOUBLE FACED CABLE GUIDERAIL	3,552	SF	WORK ZONE SIGNS (PORTABLE)
5	EA	ADDITIONAL GUIDERAIL POSTS	870	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
3	EA	CABLE GUIDERAIL ANCHOR UNITS	12	EA	FLASHING ARROW BOARD
1,320	LF	WOVEN WIRE FENCE, 47" FABRIC	19	EA	PORTABLE CHANGEABLE MESSAGE SIGN
81	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	1,323	EA	DRUMS
25	EA	5" TIMBER FENCE POSTS, 8'-0" LONG	47	EA	CONES
378	LF	CHAIN LINK FENCE, 48" FABRIC	536	LF	BARRICADES (TYPE III)
32	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE	1,520	HR	FLAGGER
2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE			
350	LF	GENERIC FENCING ITEM VINYL COATED GLARE SCREEN (GR MOUNTED)			
173,082	LF	RELAPPING GUARDRAIL			

			10,000	TON	STONE FOR EROSION CONTROL, CLASS A
			15,000	TON	STONE FOR EROSION CONTROL, CLASS B
7	EA	TEMPORARY CRASH CUSHIONS	15,000	TON	SEDIMENT CONTROL STONE
2	EA	RESET TEMPORARY CRASH CUSHION	400	ACR	TEMPORARY MULCHING
20	EA	TMA	23,600	LB	SEED FOR TEMPORARY SEEDING
32,404	LF	PORTABLE CONCRETE BARRIER	118	TON	FERTILIZER FOR TEMPORARY SEEDING
262	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	5,000	LF	TEMPORARY SLOPE DRAINS
92,927	LF	RESET PORTABLE CONCRETE BARRIER	200	LF	SAFETY FENCE
258	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	79,201	CY	SILT EXCAVATION
226	LF	WATER FILLED BARRIER	300,000	SY	MATTING FOR EROSION CONTROL
7,424	HR	LAW ENFORCEMENT	730	SY	COIR FIBER MAT
47	EA	SKINNY DRUM	2,750	SY	PERMANENT SOIL REINFORCEMENT MAT
9	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE A SIGNS	10,000	LF	1/4" HARDWARE CLOTH
2	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE B SIGNS	80	LF	*** TEMPORARY PIPE (18")
25	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE D SIGNS	22	EA	SPECIAL STILLING BASINS
1	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE E SIGNS	2,950	LF	COIR FIBER WATTLE
14,740	EA	TEMPORARY RAISED PAVEMENT MARKERS	4,600	LF	WATTLE BARRIER
105	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	4,000	LB	POLYACRYLAMIDE (PAM)
207	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	8,000	LF	COIR FIBER BAFFLE
748	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	51	EA	*** SKIMMER (1-1/2")
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	3	EA	*** SKIMMER (2")
117	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	300	ACR	SEEDING & MULCHING
4,110	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	600	ACR	MOWING
38,490	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	5,350	LB	SEED FOR REPAIR SEEDING
152	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	13,75	TON	FERTILIZER FOR REPAIR SEEDING
9,600	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (IV)	7,575	LB	SEED FOR SUPPLEMENTAL SEEDING
14,249	LF	PAINT PAVEMENT MARKING LINES (4")	227	TON	FERTILIZER TOPDRESSING
2,116,978	LF	PAINT PAVEMENT MARKING LINES (6")	300	LF	IMPERVIOUS DIKE
1,010	LF	PAINT PAVEMENT MARKING LINES (8")	1,000	MHR	SPECIALIZED HAND MOWING
14,576	LF	PAINT PAVEMENT MARKING LINES (12")	125	EA	RESPONSE FOR EROSION CONTROL
238	LF	PAINT PAVEMENT MARKING LINES (24")	4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
16	EA	PAINT PAVEMENT MARKING CHARACTER	1,550	LF	SIGNAL CABLE
56	EA	PAINT PAVEMENT MARKING SYMBOL	3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
28,098	LF	POLYUREA PAVEMENT MARKING LINES (4", *****)	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
319,251	LF	POLYUREA PAVEMENT MARKING LINES (6", *****)	610	LF	UNPAVED TRENCHING (*****)
797	LF	POLYUREA PAVEMENT MARKING LINES (8", *****)	1,975	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
16,468	LF	POLYUREA PAVEMENT MARKING LINES (12", *****)	50	LF	DIRECTIONAL DRILL (*****)
4,954	LF	REMOVAL OF PAVEMENT MARKING LINES (4")	9	EA	JUNCTION BOX (STANDARD SIZE)
292,200	LF	REMOVAL OF PAVEMENT MARKING LINES (6")	3	EA	1/2" RISER WITH WEATHERHEAD
257	LF	REMOVAL OF PAVEMENT MARKING LINES (8")	1	EA	1" RISER WITH WEATHERHEAD
7,200	LF	REMOVAL OF PAVEMENT MARKING LINES (12")	4	EA	2" RISER WITH WEATHERHEAD
42	LF	REMOVAL OF PAVEMENT MARKING LINES (24")	1,990	LF	INDUCTIVE LOOP SAWCUT
24	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS	6,200	LF	LEAD-IN CABLE (*****)
281,756	LF	CURING COMPOUND REMOVAL, LINES	10	EA	SIGN FOR SIGNALS
64	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS	3	EA	TYPE I POST WITH FOUNDATION
28,729	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PROFILED PAVEMENT MARKING LINES 6"	2	EA	TYPE II PEDESTAL WITH FOUNDATION
71	EA	PERMANENT RAISED PAVEMENT MARKERS	1	EA	SIGNAL CABINET FOUNDATION
3,179	EA	SNOWPLOWABLE PAVEMENT MARKERS	1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
45,000	LF	TEMPORARY SILT FENCE	5	EA	DETECTOR CARD (TYPE 2070L)
			1	EA	CABINET BASE EXTENDER

**CULVERT ITEMS**

8.9	CY	CLASS A CONCRETE (CULVERT)
1,003	LB	REINFORCING STEEL (CULVERT)
174	SF	SHEET PILE RETAINING WALLS
136.4	CF	SHOTCRETE REPAIRS
42.5	LF	EPOXY RESIN INJECTION
52	LF	GENERIC CULVERT ITEM JOINT SEALER WRAP
459	SF	GENERIC CULVERT ITEM EPOXY COATING

**WALL ITEMS**

550	SF	MSE RETAINING WALL NO **** (1)
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STRUCTURE ITEMS				
		1,326.6	SY	GENERIC STRUCTURE ITEM INCIDENTAL MILLING
		4,217.6	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
		2	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57
		2	EA	GENERIC STRUCTURE ITEM TEMPORARY WORK PLATFORM
35.8	TON			ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
Lump Sum	LS			REMOVAL OF EXISTING STRUCTURE AT STATION ***** (177+61.31 -NBL-)
Lump Sum	LS			REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+34.80 -Y5 SBL-)
Lump Sum	LS			REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+06.96 -Y1-)
Lump Sum	LS			REMOVAL OF EXISTING STRUCTURE AT STATION ***** (419+67.07 -SBL-)
Lump Sum	LS			REMOVAL OF EXISTING STRUCTURE AT STATION ***** (421+29.07 -NBL-)
Lump Sum	LS			FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+06.91 -Y1-)
252	LF			PILE EXCAVATION IN SOIL
48	LF			PILE EXCAVATION NOT IN SOIL
2	EA			PDA TESTING
Lump Sum	LS			UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (21+34.80 -Y5 SBL-)
46,180	SF			REINFORCED CONCRETE DECK SLAB
85,010.6	SF			GROOVING BRIDGE FLOORS
962.4	CY			CLASS A CONCRETE (BRIDGE)
Lump Sum	LS			BRIDGE APPROACH SLABS, STATION ***** (177+61.31 -NBL-)
Lump Sum	LS			BRIDGE APPROACH SLABS, STATION ***** (21+34.80 -Y5 SBL-)
Lump Sum	LS			BRIDGE APPROACH SLABS, STATION ***** (22+06.96 -Y1-)
Lump Sum	LS			BRIDGE APPROACH SLABS, STATION ***** (419+67.07 -SBL-)
Lump Sum	LS			BRIDGE APPROACH SLABS, STATION ***** (421+29.07 -NBL)
135,040	LB			REINFORCING STEEL (BRIDGE)
2,240	LB			SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
880.31	LF			54" PRESTRESSED CONCRETE GIR- DERS
1,601.83	LF			MODIFIED 63" PRESTRESSED CONC GIRDERS
1,162.29	LF			MODIFIED 72" PRESTRESSED CONC GIRDERS
731,100	LS			APPROX ..... LBS STRUCTURAL STEEL
946	LF			24" PRESTRESSED CONCRETE PILES
3,780	LF			HP12X53 STEEL PILES
741	LF			HP14X73 STEEL PILES
64	EA			STEEL PILE POINTS
10	EA			PILE REDRIVES
1,437.51	LF			CONCRETE BARRIER RAIL
3,634	SY			4" SLOPE PROTECTION
238.1	CY			LATEX MODIFIED CONC OVERLAY
4,228.6	SY			PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY
Lump Sum	LS			DISC BEARINGS
Lump Sum	LS			ELASTOMERIC BEARINGS
599.5	CF			CONCRETE REPAIRS
383.2	CF			SHOTCRETE REPAIRS
276	LF			EPOXY RESIN INJECTION
Lump Sum	LS			FOAM JOINT SEALS
Lump Sum	LS			EXPANSION JOINT SEALS
Lump Sum	LS			GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #57
Lump Sum	LS			GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57
Lump Sum	LS			GENERIC STRUCTURE ITEM POLLUTION CONTROL
404.08	LF			GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
1,000	LB			GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR
619.38	SF			GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2,745	SF			GENERIC STRUCTURE ITEM EPOXY COATING
4,217.6	SY			GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK

## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150317 003

CONTRACT ID : C203534 38688.3.GVS6BB DIV OFFICE DURHAM

LENGTH = 9.412 MI

COUNTY : WARREN

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2019

I-85 FROM SR-1237 (MANSON RD) TO THE VIRGINIA STATE LINE.

ROADWAY ITEMS					
			248,440	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5/8")
			1,270	SY	INCIDENTAL MILLING
Lump Sum	LS	MOBILIZATION	24,320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	59,530	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C
	3	ACR			SUPPLEMENTARY CLEARING & GRUB- BING
	1	EA	35,220	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
	195,300	CY	38,200	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (197+36.91 -L-)	34,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (197+71.71 -L-)	35,360	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
	5,130	CY	500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D
	32,500	CY	6,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A
	3,100	CY			DRAINAGE DITCH EXCAVATION
	2,330	LF	170	TON	ASPHALT CONC SURFACE COURSE, TYPE SA-1
	110,200	SY			REMOVAL OF EXISTING ASPHALT PAVEMENT
	41,850	SY	12,995	TON	ASPHALT BINDER FOR PLANT MIX
	1,100	CY	30	TON	POLYMER MODIFIED ASPHALT BIN- DER FOR PLANT MIX
	92,600	SY	38,360	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M
	882	SF	730	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
	2,000	SY	194,750	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
Lump Sum	LS	GENERIC GRADING ITEM SAFETY CLEARING	285,220	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (10")
	1,080	TON	7,015	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (10")
	3,370	SY	692	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (10")
	2,776	LF			15" RC PIPE CULVERTS, CLASS III
	2,168	LF	2,115	TON	18" RC PIPE CULVERTS, CLASS III
	484	LF			24" RC PIPE CULVERTS, CLASS III
	16	LF	2,545	TON	30" RC PIPE CULVERTS, CLASS III
	8	LF			36" RC PIPE CULVERTS, CLASS III
	8	LF			42" RC PIPE CULVERTS, CLASS III
	16	LF			48" RC PIPE CULVERTS, CLASS III
	2,016	LF			15" RC PIPE CULVERTS, CLASS IV
	524	LF			18" RC PIPE CULVERTS, CLASS IV
	1,730	LF			15" CS PIPE CULVERTS, 0.064" THICK
	264	LF			18" CS PIPE CULVERTS, 0.064" THICK
	96	LF			24" CS PIPE CULVERTS, 0.064" THICK
	94	EA	98,140	LF	SHOULDER DRAIN
			98,140	LF	4" SHOULDER DRAIN PIPE
	12	EA	2,740	LF	4" OUTLET PIPE FOR SHOULDER DRAINS
			210	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET
	4	EA	3	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE
	2,664	LF	14.6	CY	ENDWALLS
	38	EA	11.81	CY	PIPE COLLARS
			9	CY	FLOWABLE FILL
Lump Sum	LS	FINE GRADING	188	EA	MASONRY DRAINAGE STRUCTURES
	26,000	CY	10.7	LF	MASONRY DRAINAGE STRUCTURES
	51,000	TON	2	EA	FRAME WITH GRATE, STD 840.22
	500	TON	63	EA	FRAME WITH TWO GRATES, STD 840.20
	6,200	TON	194	EA	FRAME WITH TWO GRATES, STD 840.22
	400	TON			INCIDENTAL STONE BASE
	5,740	SY	36	EA	FRAME WITH COVER, STD 840.54
			15,010	LF	SHOULDER BERM GUTTER
			22	SY	4" CONCRETE PAVED DITCH
			74	EA	ADJUSTMENT OF DROP INLETS

			3,360	HR	LAW ENFORCEMENT
			24	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE A SIGNS
			6,070	EA	TEMPORARY RAISED PAVEMENT MARKERS
			353	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
			26	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
128,925	LF	STEEL BM GUARDRAIL	237,800	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)
87.5	LF	STEEL BM GUARDRAIL, SHOP CURVED			
			5,100	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (IV)
50	EA	ADDITIONAL GUARDRAIL POSTS			
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1			
59	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	290	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)
59	EA	GUARDRAIL ANCHOR UNITS, TYPE 350			
8	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	36	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)
416	LF	REMOVE & RESET EXISTING GUARDRAIL	933,081	LF	PAINT PAVEMENT MARKING LINES (6")
21,600	LF	REMOVE EXISTING GUARDRAIL	18,840	LF	PAINT PAVEMENT MARKING LINES (12")
52,100	LF	REMOVE EXISTING GUIDERAIL			
94,800	LF	TEMPORARY STEEL BM GUARDRAIL	94	EA	PAINT PAVEMENT MARKING SYMBOL
3	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)	12,938	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
			246,272	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
37	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350			
2	EA	CABLE GUIDERAIL ANCHOR UNITS	179	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
3,550	LF	WOVEN WIRE FENCE, 47" FABRIC			
198	EA	4" TIMBER FENCE POSTS, 7'-6" LONG	6,135	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
105	EA	5" TIMBER FENCE POSTS, 8'-0" LONG			
154,875	LF	RELAPPING GUARDRAIL	81,500	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
75	TON	RIP RAP, CLASS I			
1,960	TON	RIP RAP, CLASS II	7,800	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
1,490	TON	RIP RAP, CLASS B			
12,875	SY	GEOTEXTILE FOR DRAINAGE	50	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
43	CY	REINFORCED CONCRETE SIGN FOUNDATIONS	225,058	LF	CURING COMPOUND REMOVAL, LINES
			21	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
3	CY	PLAIN CONCRETE SIGN FOUNDATIONS			
24,155	LB	SUPPORTS, BREAKAWAY STEEL BEAM	50,712	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PROFILED PAVEMENT MARKING LINES 6"
9,380	LB	SUPPORTS, SIMPLE STEEL BEAM			
3,119	LF	SUPPORTS, 3-LB STEEL U-CHANNEL			
1,360	LF	SUPPORTS, WOOD	21	EA	PERMANENT RAISED PAVEMENT MARKERS
18	EA	SIGN ERECTION, TYPE D	1,868	EA	SNOWPLOWABLE PAVEMENT MARKERS
72	EA	SIGN ERECTION, TYPE E	25,000	LF	TEMPORARY SILT FENCE
36	EA	SIGN ERECTION, TYPE F	8,500	TON	STONE FOR EROSION CONTROL, CLASS A
34	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)	12,000	TON	STONE FOR EROSION CONTROL, CLASS B
			12,000	TON	SEDIMENT CONTROL STONE
23	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)	210	ACR	TEMPORARY MULCHING
37	EA	SIGN ERECTION, MILEMARKERS	12,000	LB	SEED FOR TEMPORARY SEEDING
37	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)	60.5	TON	FERTILIZER FOR TEMPORARY SEEDING
			1,065	LF	TEMPORARY SLOPE DRAINS
2	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)	200	LF	SAFETY FENCE
			33,910	CY	SILT EXCAVATION
12	EA	DISPOSAL OF SUPPORT, STEEL BEAM	312,145	SY	MATTING FOR EROSION CONTROL
2	EA	DISPOSAL OF SUPPORT, WOOD	100	SY	COIR FIBER MAT
30	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	500	SY	PERMANENT SOIL REINFORCEMENT MAT
80	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	5,000	LF	1/4" HARDWARE CLOTH
10	EA	DISPOSAL OF SIGN SYSTEM, WOOD	10	EA	SPECIAL STILLING BASINS
20	EA	DISPOSAL OF SIGN, MILEMARKER	30,000	LF	COIR FIBER WATTLE
4,487	SF	WORK ZONE SIGNS (STATIONARY)	25,000	LB	POLYACRYLAMIDE (PAM)
904	SF	WORK ZONE SIGNS (PORTABLE)	4,000	LF	COIR FIBER BAFFLE
858	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	7	EA	*** SKIMMER (1-1/2")
			5	EA	*** SKIMMER (2")
22	EA	FLASHING ARROW BOARD	1	EA	*** SKIMMER (2-1/2")
24	EA	PORTABLE CHANGEABLE MESSAGE SIGN	200	ACR	SEEDING & MULCHING
126	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	500	ACR	MOWING
1,375	EA	DRUMS	2,850	LB	SEED FOR REPAIR SEEDING
50	EA	CONES	7.25	TON	FERTILIZER FOR REPAIR SEEDING
848	LF	BARRICADES (TYPE III)	4,025	LB	SEED FOR SUPPLEMENTAL SEEDING
624	HR	FLAGGER	120.75	TON	FERTILIZER TOPDRESSING
1	EA	TEMPORARY CRASH CUSHIONS	1,000	MHR	SPECIALIZED HAND MOWING
1	EA	RESET TEMPORARY CRASH CUSHION	125	EA	RESPONSE FOR EROSION CONTROL
14	EA	TMA			
36,887	LF	PORTABLE CONCRETE BARRIER			
72,345	LF	RESET PORTABLE CONCRETE BARRIER			

**CULVERT ITEMS**

Lump Sum LS GENERIC CULVERT ITEM  
CULVERT MODIFICATION

**STRUCTURE ITEMS**

57.2 TON ASPHALT CONC SURFACE COURSE,  
TYPE SF9.5A

Lump Sum LS CONSTRUCTION, MAINTENANCE, &  
REMOVAL OF TEMP STRUCTURE AT  
STA \*\*\*\*\*  
(197+54.33 -L- SBL)

Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(197+54.33 -L- NBL)

Lump Sum LS REMOVAL OF EXISTING STRUCTURE  
AT STATION \*\*\*\*\*  
(197+54.33 -L- SBL)

113 LF 3'-6" DIA DRILLED PIERS IN  
SOIL

116 LF 3'-6" DIA DRILLED PIERS NOT IN  
SOIL

2 EA SID INSPECTIONS

4 EA CSL TESTING

Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-  
TION AT STATION \*\*\*\*\*  
(197+54.33 -L- NBL)

Lump Sum LS UNCLASSIFIED STRUCTURE EXCAVA-  
TION AT STATION \*\*\*\*\*  
(197+54.33 -L- SBL)

16,568 SF REINFORCED CONCRETE DECK SLAB

38,019 SF GROOVING BRIDGE FLOORS

497.3 CY CLASS A CONCRETE (BRIDGE)

Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(197+54.33 -L- NBL)

Lump Sum LS BRIDGE APPROACH SLABS, STATION  
\*\*\*\*\*  
(197+54.33 -L- SBL)

76.227 LB REINFORCING STEEL (BRIDGE)

9,977 LB SPIRAL COLUMN REINFORCING  
STEEL (BRIDGE)

1,784.8 LF 45" PRESTRESSED CONCRETE GIR-  
DERS

1,898 LF HP12X53 STEEL PILES

818.1 LF CONCRETE BARRIER RAIL

1,451 SY 4" SLOPE PROTECTION

145.8 CY LATEX MODIFIED CONC OVERLAY

2,301.1 SY PLACING & FINISHING OF LATEX  
MODIFIED CONC OVERLAY

Lump Sum LS ELASTOMERIC BEARINGS

93.4 CF CONCRETE REPAIRS

109.9 CF SHOTCRETE REPAIRS

315 LF EPOXY RESIN INJECTION

Lump Sum LS FOAM JOINT SEALS

Lump Sum LS EXPANSION JOINT SEALS

Lump Sum LS GENERIC STRUCTURE ITEM  
CLEANING & REPAINTING OF  
BRIDGE #2

Lump Sum LS GENERIC STRUCTURE ITEM  
PAINTING CONTAINMENT FOR  
BRIDGE #2

Lump Sum LS GENERIC STRUCTURE ITEM  
POLLUTION CONTROL

1,000 LB GENERIC STRUCTURE ITEM  
STRUCTURAL STEEL GIRDER REPAIR

290.7 SF GENERIC STRUCTURE ITEM  
BRIDGE JOINT DEMOLITION

2,258 SF GENERIC STRUCTURE ITEM  
EPOXY COATING

1,562.7 SY GENERIC STRUCTURE ITEM  
HYDRO-DEMOLITION OF  
BRIDGE DECK

693.4 SY GENERIC STRUCTURE ITEM  
INCIDENTAL MILLING

2,301.1 SY GENERIC STRUCTURE ITEM  
SCARIFYING BRIDGE DECK

2 EA GENERIC STRUCTURE ITEM  
BRIDGE JACKING BRIDGE #2

2 EA GENERIC STRUCTURE ITEM  
TEMPORARY WORK PLATFORM

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150317 004

CONTRACT ID : C203646 38688.3.GVS6BA

DIV OFFICE DURHAM

LENGTH = 20.602 MI

COUNTY : WARREN, VANCE

GRADING, DRAINAGE, PAVING, AND STRUCTURES.

DBE GOAL 13.0% COMPLETION DATE : DEC 28 2020

I-85 FROM NORTH OF SR-1162 (DABNEY DR) IN VANCE COUNTY TO VIRGINIA STATE LINE.

ROADWAY ITEMS					
		50	EA	*** CS PIPE ELBOWS, ***** THICK (18", 0.064")	
Lump Sum	LS MOBILIZATION	8	EA	*** CS PIPE ELBOWS, ***** THICK (24", 0.064")	
Lump Sum	LS CONSTRUCTION SURVEYING				
Lump Sum	LS CLEARING & GRUBBING . ACRE(S)	269	LF	GENERIC PIPE ITEM	
6	ACR SUPPLEMENTARY CLEARING & GRUBBING			60" CURED-IN-PLACE PIPE	
		6,483	LF	PIPE REMOVAL	
3	EA SEALING ABANDONED WELLS	74	EA	PIPE CLEAN-OUT	
556,600	CY UNCLASSIFIED EXCAVATION	530	SY	6" SLOPE PROTECTION	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (177+61.31 -NBL-)	Lump Sum	LS	FINE GRADING	
		68,000	CY	SHALLOW UNDERCUT	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (197+36.91 -L-)	134,000	TON	CLASS IV SUBGRADE STABILIZATION	
		1,000	TON	STABILIZER AGGREGATE	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (197+71.71 -L-)	6,619	TON	AGGREGATE BASE COURSE	
		800	TON	INCIDENTAL STONE BASE	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (21+34.80 -Y5 SBL-)	5,740	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")	
		5,060	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (22+06.96 -Y1-)	507,460	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (5/8")	
		1,270	SY	INCIDENTAL MILLING	
Lump Sum	LS REINFORCED BRIDGE APPROACH FILL, STATION ***** (421+29.07 -NBL-)	58,320	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B	
		140,730	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C	
9,730	CY UNDERCUT EXCAVATION	94,720	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	
72,000	CY BORROW EXCAVATION	91,100	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	
7,510	CY DRAINAGE DITCH EXCAVATION	86,550	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B	
5,620	LF BERM DITCH CONSTRUCTION	95,660	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C	
257,900	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5D	
139,550	SY REMOVAL OF EXISTING CONCRETE PAVEMENT	9,850	TON	ASPHALT CONC SURFACE COURSE, TYPE S4.75A	
3,980	SY BREAKING OF EXISTING ASPHALT PAVEMENT	370	TON	ASPHALT CONC SURFACE COURSE, TYPE SA-1	
13,960	SY BREAKING OF EXISTING CONCRETE PAVEMENT	31,480	TON	ASPHALT BINDER FOR PLANT MIX	
2,200	CY SELECT GRANULAR MATERIAL	30	TON	POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	
223,100	SY GEOTEXTILE FOR SOIL STABILIZATION	75,860	TON	PERMEABLE ASPHALT DRAINAGE COURSE, TYPE P-78M	
2,863	SF TEMPORARY SHORING	2,730	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR	
6,220	SY ROCK PLATING	434,750	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	
Lump Sum	LS GENERIC GRADING ITEM SAFETY CLEARING	622,220	SY	***** PORT CEM CONC PAVEMENT, THROUGH LANES (WITH DOWELS) (10")	
3,310	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	28,215	SY	***** PORT CEM CONC PAVEMENT, RAMPS (WITH DOWELS) (10")	
10,390	SY FOUNDATION CONDITIONING GEOTEXTILE	11,442	SY	***** PORT CEM CONC PAVEMENT, MISCELLANEOUS (WITHOUT DOWELS) (10")	
14,476	LF 15" RC PIPE CULVERTS, CLASS III	2,895	TON	GENERIC PAVING ITEM CONCRETE PAVEMENT REPAIR (UNDER TRAFFIC)	
4,772	LF 18" RC PIPE CULVERTS, CLASS III	4,365	TON	GENERIC PAVING ITEM CONCRETE PAVEMENT REPAIR (NOT UNDER TRAFFIC)	
1,162	LF 24" RC PIPE CULVERTS, CLASS III	90	SY	GENERIC PAVING ITEM MEDIAN CROSSOVER	
476	LF 30" RC PIPE CULVERTS, CLASS III	Lump Sum	LS	FIELD LABORATORY RENTAL, PORT CEM CONC PAVEMENT	
188	LF 36" RC PIPE CULVERTS, CLASS III	13	EA	RIGHT OF WAY MARKERS	
8	LF 42" RC PIPE CULVERTS, CLASS III	1,243	CY	SUBDRAIN EXCAVATION	
24	LF 48" RC PIPE CULVERTS, CLASS III	4,550	SY	GEOTEXTILE FOR SUBSURFACE DRAINS	
2,076	LF 15" RC PIPE CULVERTS, CLASS IV	168	CY	SUBDRAIN FINE AGGREGATE	
524	LF 18" RC PIPE CULVERTS, CLASS IV	764	CY	SUBDRAIN COARSE AGGREGATE	
6,328	LF 15" CS PIPE CULVERTS, 0.064" THICK	5,550	LF	6" PERFORATED SUBDRAIN PIPE	
988	LF 18" CS PIPE CULVERTS, 0.064" THICK				
116	LF 24" CS PIPE CULVERTS, 0.064" THICK				
272	EA *** CS PIPE ELBOWS, ***** THICK (15", 0.064")				

			1	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (B-77)		
12	EA	SUBDRAIN PIPE OUTLET	8	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (CAT-1)		
72	LF	6" OUTLET PIPE					
212,440	LF	SHOULDER DRAIN	2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (III)		
212,440	LF	4" SHOULDER DRAIN PIPE					
8,140	LF	4" OUTLET PIPE FOR SHOULDER DRAINS	149	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE 350		
375	EA	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	2,430	LF	DOUBLE FACED CABLE GUIDERAIL		
51	EA	TEMPORARY STEEL PLATE COVERS FOR MASONRY DRAINAGE STRUCTURE	5	EA	ADDITIONAL GUIDERAIL POSTS		
14.6	CY	ENDWALLS	5	EA	CABLE GUIDERAIL ANCHOR UNITS		
50.11	CY	PIPE COLLARS	4,870	LF	WOVEN WIRE FENCE, 47" FABRIC		
41	CY	FLOWABLE FILL	279	EA	4" TIMBER FENCE POSTS, 7'-6" LONG		
521	EA	MASONRY DRAINAGE STRUCTURES	130	EA	5" TIMBER FENCE POSTS, 8'-0" LONG		
138.7	LF	MASONRY DRAINAGE STRUCTURES	378	LF	CHAIN LINK FENCE, 48" FABRIC		
7	EA	FRAME WITH GRATE, STD 840.22	32	EA	METAL LINE POSTS FOR 48" CHAIN LINK FENCE		
197	EA	FRAME WITH TWO GRATES, STD 840.20	2	EA	METAL TERMINAL POSTS FOR 48" CHAIN LINK FENCE		
445	EA	FRAME WITH TWO GRATES, STD 840.22	350	LF	GENERIC FENCING ITEM VINYL COATED GLARE SCREEN (GR MOUNTED)		
1	EA	FRAME WITH TWO GRATES, STD 840.24	327,957	LF	RELAPPING GUARDRAIL		
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)	715	TON	RIP RAP, CLASS I		
3	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)	2,475	TON	RIP RAP, CLASS II		
4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)	4,415	TON	RIP RAP, CLASS B		
110	EA	FRAME WITH COVER, STD 840.54	28,085	SY	GEOTEXTILE FOR DRAINAGE		
3,270	LF	2'-6" CONCRETE CURB & GUTTER	118	CY	REINFORCED CONCRETE SIGN FOUNDATIONS		
36,110	LF	SHOULDER BERM GUTTER	14	CY	PLAIN CONCRETE SIGN FOUNDATIONS		
660	SY	4" CONCRETE SIDEWALK	231	CY	OVERHEAD FOOTING		
11	EA	CONCRETE CURB RAMP	61,505	LB	SUPPORTS, BREAKAWAY STEEL BEAM		
262	SY	4" CONCRETE PAVED DITCH	35,190	LB	SUPPORTS, SIMPLE STEEL BEAM		
580	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)	12,288	LF	SUPPORTS, 3-LB STEEL U-CHANNEL		
711	LF	PRECAST REINFORCED CONCRETE BARRIER, SINGLE FACED	1,497	LF	SUPPORTS, WOOD		
950	LF	GENERIC PAVING ITEM SPECIAL SHOULDER BERM GUTTER	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (114+50 -NBL-)		
188	EA	ADJUSTMENT OF DROP INLETS	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (142+50 -SBL-)		
5	EA	ADJUSTMENT OF MANHOLES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (166+50 -NBL-)		
14	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (196+00 -SBL-)		
10	EA	CONVERT EXISTING CATCH BASIN TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (276+50 -SBL-)		
27	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (31+00 -Y5 SBL-)		
34	EA	CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH MANHOLE	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (318+00 -NBL-)		
2	EA	GENERIC DRAINAGE ITEM CONVERT EXISTING DROP INLET TO JUNCTION BOX WITH SLAB LID	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (358+50 -SBL-)		
294,125	LF	STEEL BM GUARDRAIL	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (39+50 -Y5 NBL-)		
237.5	LF	STEEL BM GUARDRAIL, SHOP CURVED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (434+50 -SBL-)		
350	LF	STEEL BM GUARDRAIL, DOUBLE FACED	Lump Sum	LS	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STA ***** (73+50 -SBL-)		
100	EA	ADDITIONAL GUARDRAIL POSTS	71	EA	SIGN ERECTION, TYPE D		
24	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MODIFIED)	263	EA	SIGN ERECTION, TYPE E		
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1	158	EA	SIGN ERECTION, TYPE F		
132	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1	84	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)		
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III	56	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)		
169	EA	GUARDRAIL ANCHOR UNITS, TYPE 350	117	EA	SIGN ERECTION, MILEMARKERS		
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350	2	EA	SIGN ERECTION, OVERLAY (GROUND MOUNTED)		
42	EA	GUARDRAIL ANCHOR UNITS, TYPE B-77	63	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (A)		
5,153	LF	REMOVE & RESET EXISTING GUARDRAIL	13	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (B)		
76,070	LF	REMOVE EXISTING GUARDRAIL					
142,600	LF	REMOVE EXISTING GUIDERAIL					
159,450	LF	TEMPORARY STEEL BM GUARDRAIL					
137.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)					
325	LF	TEMPORARY STEEL BM GUARDRAIL, DOUBLE FACED					
2	EA	TEMPORARY GUARDRAIL ANCHOR UNITS, TYPE ***** (AT-1)					



			238	LF	PAINT PAVEMENT MARKING LINES (24")
			16	EA	PAINT PAVEMENT MARKING CHARACTER
			150	EA	PAINT PAVEMENT MARKING SYMBOL
1	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (D)	41,036	LF	POLYUREA PAVEMENT MARKING LINES (4", *****) (HIGHLY REFLECTIVE ELEMENTS)
10	EA	SIGN ERECTION, RELOCATE, TYPE **** (GROUND MOUNTED) (E)	565,523	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
81	EA	DISPOSAL OF SUPPORT, STEEL BEAM	976	LF	POLYUREA PAVEMENT MARKING LINES (8", *****) (HIGHLY REFLECTIVE ELEMENTS)
2	EA	DISPOSAL OF SUPPORT, WOOD	22,603	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
6	EA	DISPOSAL OF SIGN SYSTEM, OVER-HEAD	4,954	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
140	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	373,700	LF	REMOVAL OF PAVEMENT MARKING LINES (6")
230	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	257	LF	REMOVAL OF PAVEMENT MARKING LINES (8")
20	EA	DISPOSAL OF SIGN SYSTEM, WOOD	15,000	LF	REMOVAL OF PAVEMENT MARKING LINES (12")
3	EA	DISPOSAL OF SUPPORT, U-CHANNEL	42	LF	REMOVAL OF PAVEMENT MARKING LINES (24")
4	EA	DISPOSAL OF SIGN, D, E OR F	74	EA	REMOVAL OF PAVEMENT MARKING SYMBOLS & CHARACTERS
66	EA	DISPOSAL OF SIGN, MILEMARKER	506,814	LF	CURING COMPOUND REMOVAL, LINES
13,332	SF	WORK ZONE SIGNS (STATIONARY)	85	EA	CURING COMPOUND REMOVAL, SYMBOLS & CHARACTERS
4,456	SF	WORK ZONE SIGNS (PORTABLE)	79,441	LF	GENERIC PAVEMENT MARKING ITEM THERMOPLASTIC PROFILED PAVEMENT MARKING LINES 6"
1,728	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)	92	EA	PERMANENT RAISED PAVEMENT MARKERS
34	EA	FLASHING ARROW BOARD	5,047	EA	SNOWFLOWABLE PAVEMENT MARKERS
43	EA	PORTABLE CHANGEABLE MESSAGE SIGN	70,000	LF	TEMPORARY SILT FENCE
126	DAY	PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM)	18,500	TON	STONE FOR EROSION CONTROL, CLASS A
2,698	EA	DRUMS	27,000	TON	STONE FOR EROSION CONTROL, CLASS B
97	EA	CONES	27,000	TON	SEDIMENT CONTROL STONE
1,384	LF	BARRICADES (TYPE III)	610	ACR	TEMPORARY MULCHING
2,144	HR	FLAGGER	35,600	LB	SEED FOR TEMPORARY SEEDING
8	EA	TEMPORARY CRASH CUSHIONS	178.5	TON	FERTILIZER FOR TEMPORARY SEEDING
3	EA	RESET TEMPORARY CRASH CUSHION	6,065	LF	TEMPORARY SLOPE DRAINS
34	EA	TMA	400	LF	SAFETY FENCE
69,291	LF	PORTABLE CONCRETE BARRIER	113,111	CY	SILT EXCAVATION
262	LF	PORTABLE CONCRETE BARRIER (ANCHORED)	612,145	SY	MATTING FOR EROSION CONTROL
165,272	LF	RESET PORTABLE CONCRETE BARRIER	830	SY	COIR FIBER MAT
258	LF	RESET PORTABLE CONCRETE BARRIER (ANCHORED)	3,250	SY	PERMANENT SOIL REINFORCEMENT MAT
226	LF	WATER FILLED BARRIER	15,000	LF	1/4" HARDWARE CLOTH
10,784	HR	LAW ENFORCEMENT	80	LF	*** TEMPORARY PIPE (18")
47	EA	SKINNY DRUM	32	EA	SPECIAL STILLING BASINS
33	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE A SIGNS	32,950	LF	COIR FIBER WATTLE
2	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE B SIGNS	4,600	LF	WATTLE BARRIER
25	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE D SIGNS	29,000	LB	POLYACRYLAMIDE (PAM)
1	EA	GENERIC TRAFFIC CONTROL ITEM COVERING OF TYPE E SIGNS	12,000	LF	COIR FIBER BAFFLE
20,810	EA	TEMPORARY RAISED PAVEMENT MARKERS	58	EA	*** SKIMMER (1-1/2")
105	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)	8	EA	*** SKIMMER (2")
207	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)	1	EA	*** SKIMMER (2-1/2")
1,101	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)	500	ACR	SEEDING & MULCHING
16	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)	1,100	ACR	MOWING
143	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	8,200	LB	SEED FOR REPAIR SEEDING
4,110	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (4") (IV)	21	TON	FERTILIZER FOR REPAIR SEEDING
276,290	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (6") (IV)	11,600	LB	SEED FOR SUPPLEMENTAL SEEDING
152	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (8") (II)	347.75	TON	FERTILIZER TOPDRESSING
14,700	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (12") (IV)	300	LF	IMPERVIOUS DIKE
290	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE ** (24") (IV)	2,000	MHR	SPECIALIZED HAND MOWING
36	EA	COLD APPLIED PLASTIC PAVEMENT MARKING SYMBOL, TYPE ** (IV)	250	EA	RESPONSE FOR EROSION CONTROL
14,249	LF	PAINT PAVEMENT MARKING LINES (4")	4	EA	PEDESTRIAN SIGNAL HEAD (16", 1 SECTION W/COUNTDOWN)
3,050,059	LF	PAINT PAVEMENT MARKING LINES (6")	1,550	LF	SIGNAL CABLE
1,010	LF	PAINT PAVEMENT MARKING LINES (8")	3	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)
33,416	LF	PAINT PAVEMENT MARKING LINES (12")	1	EA	VEHICLE SIGNAL HEAD (12", 4 SECTION)
			610	LF	UNPAVED TRENCHING (*****) (1, 2")
			1,975	LF	UNPAVED TRENCHING FOR TEMPORARY LEAD-IN
			50	LF	DIRECTIONAL DRILL (*****) (1, 2")
			9	EA	JUNCTION BOX (STANDARD SIZE)
			3	EA	1/2" RISER WITH WEATHERHEAD
			1	EA	1" RISER WITH WEATHERHEAD

			62,748	SF	REINFORCED CONCRETE DECK SLAB
			123,029.6	SF	GROOVING BRIDGE FLOORS
			1,459.7	CY	CLASS A CONCRETE (BRIDGE)
4	EA	2" RISER WITH WEATHERHEAD	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (177+61.31 -NBL-)
1,990	LF	INDUCTIVE LOOP SAWCUT	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (197+54.33 -L- NBL)
6,200	LF	LEAD-IN CABLE (*****) (14-2)	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (197+54.33 -L- SBL)
10	EA	SIGN FOR SIGNALS	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (21+34.80 -Y5 SBL-)
3	EA	TYPE I POST WITH FOUNDATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (22+06.96 -Y1-)
2	EA	TYPE II PEDESTAL WITH FOUNDATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (419+67.07 -SBL-)
1	EA	SIGNAL CABINET FOUNDATION	Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (421+29.07 -NBL-)
1	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)	Lump Sum	LS	REINFORCING STEEL (BRIDGE)
5	EA	DETECTOR CARD (TYPE 2070L)	Lump Sum	LS	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
1	EA	CABINET BASE EXTENDER	Lump Sum	LS	45" PRESTRESSED CONCRETE GIRDERS

**CULVERT ITEMS**

8.9	CY	CLASS A CONCRETE (CULVERT)	211,267	LB	REINFORCING STEEL (BRIDGE)
1,003	LB	REINFORCING STEEL (CULVERT)	12,217	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
174	SF	SHEET PILE RETAINING WALLS	1,784.8	LF	45" PRESTRESSED CONCRETE GIRDERS
136.4	CF	SHOTCRETE REPAIRS	880.31	LF	54" PRESTRESSED CONCRETE GIRDERS
42.5	LF	EPOXY RESIN INJECTION	1,601.83	LF	MODIFIED 63" PRESTRESSED CONC GIRDERS
Lump Sum	LS	GENERIC CULVERT ITEM CULVERT MODIFICATION	1,162.29	LF	MODIFIED 72" PRESTRESSED CONC GIRDERS
52	LF	GENERIC CULVERT ITEM JOINT SEALER WRAP	731,100	LS	APPROX ..... LBS STRUCTURAL STEEL
459	SF	GENERIC CULVERT ITEM EPOXY COATING	946	LF	24" PRESTRESSED CONCRETE PILES

**WALL ITEMS**

550	SF	MSE RETAINING WALL NO **** (1)	5,678	LF	HP12X53 STEEL PILES
			741	LF	HP14X73 STEEL PILES
			64	EA	STEEL PILE POINTS
			10	EA	PILE REDRIVES
			2,255.61	LF	CONCRETE BARRIER RAIL
			5,085	SY	4" SLOPE PROTECTION
			383.9	CY	LATEX MODIFIED CONC OVERLAY
			6,529.7	SY	PLACING & FINISHING OF LATEX MODIFIED CONC OVERLAY

**STRUCTURE ITEMS**

93	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A	Lump Sum	LS	DISC BEARINGS
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (197+54.33 -L- SBL)	Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (177+61.31 -NBL-)	Lump Sum	CF	CONCRETE REPAIRS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (197+54.33 -L- NBL)	Lump Sum	CF	SHOTCRETE REPAIRS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (197+54.33 -L- SBL)	Lump Sum	LF	EPOXY RESIN INJECTION
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (21+34.80 -Y5 SBL-)	Lump Sum	LS	FOAM JOINT SEALS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (22+06.96 -Y1-)	Lump Sum	LS	EXPANSION JOINT SEALS
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (419+67.07 -SBL-)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #2
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (421+29.07 -NBL-)	Lump Sum	LS	GENERIC STRUCTURE ITEM CLEANING & REPAINTING OF BRIDGE #57
Lump Sum	LS	FOUNDATION EXCAVATION FOR BENT ** AT STATION ***** (1, 22+06.91 -Y1-)	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #2
252	LF	PILE EXCAVATION IN SOIL	Lump Sum	LS	GENERIC STRUCTURE ITEM PAINTING CONTAINMENT FOR BRIDGE #57
48	LF	PILE EXCAVATION NOT IN SOIL	Lump Sum	LS	GENERIC STRUCTURE ITEM POLLUTION CONTROL
113	LF	3'-6" DIA DRILLED PIERS IN SOIL	404.08	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL
116	LF	3'-6" DIA DRILLED PIERS NOT IN SOIL	2,000	LB	GENERIC STRUCTURE ITEM STRUCTURAL STEEL GIRDER REPAIR
2	EA	PDA TESTING	910.08	SF	GENERIC STRUCTURE ITEM BRIDGE JOINT DEMOLITION
2	EA	SID INSPECTIONS	5,003	SF	GENERIC STRUCTURE ITEM EPOXY COATING
4	EA	CSL TESTING	5,780.3	SY	GENERIC STRUCTURE ITEM HYDRO-DEMOLITION OF BRIDGE DECK
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (197+54.33 -L- NBL)	2,020	SY	GENERIC STRUCTURE ITEM INCIDENTAL MILLING
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (197+54.33 -L- SBL)	6,518.7	SY	GENERIC STRUCTURE ITEM SCARIFYING BRIDGE DECK
Lump Sum	LS	UNCLASSIFIED STRUCTURE EXCAVATION AT STATION ***** (21+34.80 -Y5 SBL-)	2	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #2
			2	EA	GENERIC STRUCTURE ITEM BRIDGE JACKING BRIDGE #57
			4	EA	GENERIC STRUCTURE ITEM TEMPORARY WORK PLATFORM



## FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150317 006

CONTRACT ID : C203561 46139.3.FS1

DIV OFFICE WINSTON-SALEM

LENGTH = 0.261 MI

COUNTY : ROWAN

GRADING, DRAINAGE, AND PAVING.

DBE GOAL 8.0% COMPLETION DATE : DEC 12 2016

US-52 AT INTERSECTION WITH SR-2342 (GOLD KNOB RD), SR-2319 (CRESCENT RD), AND SR-2382 (ANTHONY RD).

## ROADWAY ITEMS

			5,702	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			110	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			4	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CONSTRUCTION SURVEYING			
Lump Sum	LS	GRADING			
	1	ACR	8,469	LF	PAINT PAVEMENT MARKING LINES (4")
	250	CY	78	EA	SNOWFLOWABLE PAVEMENT MARKERS
	1,500	SY	49	LF	12" WATER LINE
			6	EA	RELOCATE WATER METER
			2	EA	RELOCATE FIRE HYDRANT
	300	TON	49	LF	ABANDON 12" UTILITY PIPE
			485	LF	TEMPORARY SILT FENCE
	135	TON	190	TON	STONE FOR EROSION CONTROL, CLASS A
			510	TON	STONE FOR EROSION CONTROL, CLASS B
	380	SY	225	TON	SEDIMENT CONTROL STONE
			4	ACR	TEMPORARY MULCHING
	12	LF	300	LB	SEED FOR TEMPORARY SEEDING
	52	LF	1.5	TON	FERTILIZER FOR TEMPORARY SEEDING
	492	LF	200	LF	TEMPORARY SLOPE DRAINS
			200	LF	SAFETY FENCE
	408	LF	130	CY	SILT EXCAVATION
			500	SY	MATTING FOR EROSION CONTROL
	172	LF	450	LF	1/4" HARDWARE CLOTH
			285	LF	COIR FIBER WATTLE
	1,053	LF	235	LB	POLYACRYLAMIDE (PAM)
			4	ACR	SEEDING & MULCHING
	1	EA	2	ACR	MOWING
			50	LB	SEED FOR REPAIR SEEDING
	500	CY	0.25	TON	FERTILIZER FOR REPAIR SEEDING
			100	LB	SEED FOR SUPPLEMENTAL SEEDING
	950	TON	2.5	TON	FERTILIZER TOPDRESSING
			10	MHR	SPECIALIZED HAND MOWING
			15	EA	RESPONSE FOR EROSION CONTROL
	300	TON			
	540	SY			
	1,250	TON			
	250	TON			
	1,150	TON			
	140	TON			
	29	TON			
	20	EA			
	112	CY			
	84	CY			
	500	LF			
	1	EA			
	6	LF			
	8	EA			
	5	EA			
	3	EA			
	310	SY			
	25	LF			
	2	EA			
	1	EA			
	10	TON			
	595	SY			
	205	LF			
	2	EA			
	11	EA			
	8	EA			
	567	SF			
	224	SF			
	114	SF			
	89	EA			
	160	LF			
	2,160	HR			
	40	HR			
	40	EA			
	3,872	LF			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L150317 007

CONTRACT ID : C203389 34379.3.FS33  
 COUNTY : MECKLENBURG, CABARRUS  
 ITS - CCTV INSTALLATION.

DIV OFFICE ALBEMARLE

LENGTH = 3.845 MI

DBE GOAL 4.0% COMPLETION DATE : DEC 01 2015

I-85 FROM SR-2472 TO SR-2894.

ROADWAY ITEMS

				1	EA	GENERIC SIGNAL ITEM HUB ETHERNET SWITCH
				3	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (144-FIBER)
				6	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (12-FIBER)
				1	EA	GENERIC SIGNAL ITEM INTERCONNECT CENTER (36-FIBER)
				3	EA	GENERIC SIGNAL ITEM METER BASE/DISCONNECT COMBINATION PANEL
				1	EA	GENERIC SIGNAL ITEM MODIFY EXISTING ELECTRICAL SERVICE EQUIPMENT
				1	EA	GENERIC SIGNAL ITEM PORTABLE CCTV CAMERA LOWERING TOOL
				1	EA	GENERIC SIGNAL ITEM REMOVE EXISTING CCTV CAMERA SYSTEM
				2	EA	GENERIC SIGNAL ITEM SOLAR POWER ASSEMBLY
				Lump Sum	LS	GENERIC SIGNAL ITEM INTEGRATION AND CONFIGURATION
				540	LF	GENERIC SIGNAL ITEM #4 SOLID BARE GROUNDING CONDUCTOR
				1,790	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER FEEDER CONDUCTORS
				90	LF	GENERIC SIGNAL ITEM 3-WIRE COPPER SERVICE ENTRANCE CONDUCTORS
Lump Sum	LS	MOBILIZATION				
125	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (3")				
35	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B				
45	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B				
7	TON	ASPHALT BINDER FOR PLANT MIX				
600	LF	STEEL BM GUARDRAIL				
4	EA	ADDITIONAL GUARDRAIL POSTS				
3	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1				
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350				
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL				
5,430	LF	TRACER WIRE				
110	LF	UNPAVED TRENCHING (***** (1, 2")				
1,000	LF	UNPAVED TRENCHING (***** (2, 2")				
180	LF	UNPAVED TRENCHING (***** (3, 2")				
50	LF	UNPAVED TRENCHING (***** (6, 2")				
970	LF	DIRECTIONAL DRILL (***** (1, 2")				
460	LF	DIRECTIONAL DRILL (***** (2, 2")				
7	EA	JUNCTION BOX (***** (SPECIAL OVERSIZED HEAVY-DUTY)				
17	EA	JUNCTION BOX (STANDARD SIZE)				
8	EA	JUNCTION BOX (OVER-SIZED, HEAVY DUTY)				
3	EA	WOOD POLE				
3	EA	**** RISER WITH ***** (1-1/4", WEATHERHEAD)				
7,320	LF	COMMUNICATIONS CABLE (**FIBER) (12)				
18,130	LF	COMMUNICATIONS CABLE (**FIBER) (144)				
3	EA	SPLICE ENCLOSURE				
9	EA	DELINEATOR MARKER				
6	EA	SOIL TEST				
12	CY	DRILLED PIER FOUNDATION				
1	EA	SIGNAL CABINET FOUNDATION				
1	EA	CABINET BASE EXTENDER				
36	EA	GENERIC SIGNAL ITEM 5/8" X 10" GROUNDING ELECTRODE				
6	EA	GENERIC SIGNAL ITEM CCTV CAMERA ASSEMBLY				
6	EA	GENERIC SIGNAL ITEM CCTV CAMERA LOWERING SYSTEM				
2	EA	GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET (WITH INVERTER)				
4	EA	GENERIC SIGNAL ITEM CCTV FIELD EQUIPMENT CABINET (WITH UPS)				
6	EA	GENERIC SIGNAL ITEM CCTV METAL POLE				
6	EA	GENERIC SIGNAL ITEM CENTRAL VIDEO DECODER UNIT				
4	EA	GENERIC SIGNAL ITEM EQUIPMENT CABINET DISCONNECT				
1	EA	GENERIC SIGNAL ITEM FIBER-OPTIC SPLICE CABINET (BASE MOUNTED)				
6	EA	GENERIC SIGNAL ITEM FIELD ETHERNET SWITCH				
1	EA	GENERIC SIGNAL ITEM FURNISH CCTV CAMERA ASSEMBLY				
1	EA	GENERIC SIGNAL ITEM FURNISH FIELD ETHERNET SWITCH				
4	EA	GENERIC SIGNAL ITEM GIGABIT TRANSCEIVER MODULE - ZX				

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150317 008

CONTRACT ID : C203644 10CR.10901.40

DIV OFFICE ALBEMARLE

LENGTH = 41.410 MI

COUNTY : UNION

MILLING, WIDENING, RESURFACING &amp; SHOULDER RECONSTRUCTION.

MBE GOAL 3.0% WBE 3.0% COMPLETION DATE : JUN 20 2016

5 SECTIONS OF US-74, 2 SECTIONS OF NC-200, 1 SECTION OF NC-207 AND 30 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
6,701	CY	BORROW EXCAVATION
143,065	SY	GENERIC GRADING ITEM SOIL CEMENT BASE (FULL DEPTH RECLAMATION)
4,906	TON	PORTLAND CEMENT FOR SOIL CE- MENT BASE
2,254	TON	INCIDENTAL STONE BASE
39.5	SMI	SHOULDER RECONSTRUCTION
171,054	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
45,024	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2-1/2")
3,300	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
5,523	SY	INCIDENTAL MILLING
16,202	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
7,058	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C
25,714	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
3,701	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B (LEVELING COURSE)
16,384	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
13,648	TON	ASPHALT CONC SURFACE COURSE, TYPE SF9.5A
4,783	TON	ASPHALT BINDER FOR PLANT MIX
15,157	TON	PATCHING EXISTING PAVEMENT
131,041	SY	ASPHALT SURFACE TREATMENT, SPLIT SEAL
3	EA	RETROFIT EXISTING CURB RAMP
2,450	SY	6" CONCRETE DRIVEWAY
3	EA	ADJUSTMENT OF CATCH BASINS
27	EA	ADJUSTMENT OF MANHOLES
51	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
4,287	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
200	HR	LAW ENFORCEMENT
106,227	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
92,422	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
6,177	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
356	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
1,089	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
23	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120 MILS)
148	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
67,208	LF	PAINT PAVEMENT MARKING LINES (4")
2,256	EA	PERMANENT RAISED PAVEMENT MARKERS
6,685	LF	TEMPORARY SILT FENCE
756	TON	STONE FOR EROSION CONTROL, CLASS B
382	TON	SEDIMENT CONTROL STONE
6,685	LF	WATTLE
23	LB	POLYACRYLAMIDE (PAM)

## STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L150317 009

CONTRACT ID : C203643 12CR.10551.13 DIV OFFICE SHELBY  
 COUNTY : LINCOLN

LENGTH = 14.450 MI

MILLING, RESURFACING, SHLDR RECONSTR &amp; MILLED RUMBLE STRIPS.

MBE GOAL 3.0% WBE 4.0% COMPLETION DATE : NOV 13 2015

US-321 FROM N OF NC-27 RAMPS TO THE CATAWBA COUNTY LINE &amp; 4 SECTIONS OF SECONDARY ROADS.

## ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
2,125	TON	GENERIC GRADING ITEM
		AGGREGATE SHOULDER BORROW
300	TON	INCIDENTAL STONE BASE
34.14	SMI	SHOULDER RECONSTRUCTION
201,600	SY	MILLING ASPHALT PAVEMENT, ****
		DEPTH
		(1-1/2")
2,950	SY	INCIDENTAL MILLING
500	TON	ASPHALT CONC BASE COURSE, TYPE
		B25.0B
8,808	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B
1,050	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5B (LEVELING COURSE)
17,807	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C
1,250	TON	ASPHALT CONC SURFACE COURSE,
		TYPE S9.5C (LEVELING COURSE)
1,801	TON	ASPHALT BINDER FOR PLANT MIX
4,000	TON	PATCHING EXISTING PAVEMENT
119,250	LF	MILLED RUMBLE STRIPS (ASPHALT
		CONCRETE)
1,640	SF	WORK ZONE ADVANCE/GENERAL
		WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
100	HR	LAW ENFORCEMENT
134,000	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (6", 90 MILS)
17,500	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (6", 120 MILS)
125	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (8", 120 MILS)
2,650	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (12", 90 MILS)
100	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (16", 120 MILS)
95	LF	THERMOPLASTIC PAVEMENT MARKING
		LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING
		CHARACTER (120 MILS)
24	EA	THERMOPLASTIC PAVEMENT MARKING
		SYMBOL (90 MILS)
371,875	LF	PAINT PAVEMENT MARKING LINES
		(4")
151,500	LF	PAINT PAVEMENT MARKING LINES
		(6")
2,650	LF	PAINT PAVEMENT MARKING LINES
		(12")
890	EA	SNOWPLOWABLE PAVEMENT MARKERS

**FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID****L150317 010****CONTRACT ID : C203490 46191.3.FS1****DIV OFFICE ASHEVILLE****LENGTH = 4.100 MI****COUNTY : MADISON****GUARDRAIL, PAVING & MILLING.****DBE GOAL 5.0% COMPLETION DATE : OCT 15 2015****I-26 FROM MP-9 TO THE BUNCOMBE COUNTY LINE.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
15.06	SMI	SHOULDER RECONSTRUCTION
37.250	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (1-1/2")
14,950	SY	MILLING ASPHALT PAVEMENT, **** TO ***** (0" TO 1-1/2")
2,000	SY	INCIDENTAL MILLING
22,632	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C
1,335	TON	ASPHALT BINDER FOR PLANT MIX
86,592	LF	MILLED RUMBLE STRIPS (ASPHALT CONCRETE)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
4	EA	GUARDRAIL ANCHOR UNITS, TYPE M-350
17,500	LF	REMOVE & RESET EXISTING GUARD- RAIL
350	SF	WORK ZONE ADVANCE/GENERAL WARNING SIGNING
Lump Sum	LS	TEMPORARY TRAFFIC CONTROL
82	HR	LAW ENFORCEMENT
12	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
99,296	LF	POLYUREA PAVEMENT MARKING LINES (6", *****) (HIGHLY REFLECTIVE ELEMENTS)
4,900	LF	POLYUREA PAVEMENT MARKING LINES (12", *****) (HIGHLY REFLECTIVE ELEMENTS)
1,040	EA	SNOWPLOWABLE PAVEMENT MARKERS
10.96	ACR	SEEDING & MULCHING





## STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (47+75.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (47+75.00-L-)
6	EA	PDA TESTING
52,126	SF	REINFORCED CONCRETE DECK SLAB
45,915	SF	GROOVING BRIDGE FLOORS
325	CY	CLASS AA CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (47+75.00-L-)
52,986	LB	EPOXY COATED REINFORCING STEEL (BRIDGE)
5,350	LF	54" PRESTRESSED CONCRETE GIR- DERS
665	LF	12" PRESTRESSED CONCRETE PILES
5,130	LF	24" PRESTRESSED CONCRETE PILES
50	EA	PILE REDRIVES
2,683.67	LF	TWO BAR METAL RAIL
2,698.67	LF	1'-***X ***** CONCRETE PARA- PET (1'-2" X 2'-6")
28	TON	RIP RAP, CLASS B
26	SY	GEOTEXTILE FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EXPANSION JOINT SEALS